

CONTRACT CHANGE ORDER MEMORANDUM

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TO: Tony Anziano, Program Manager /			FILE: E.A. 04 - 0120F4	
FROM: Darryl Schram, Senior TE			CO-RTE-PM SF-80-13.2/13.9	
			FED. NO.	
CCO#: 183	SUPPLEMENT#: 1	Category Code: CHPK	CONTINGENCY BALANCE (incl. this change) \$115,122,627.58	
COST: \$279,564.00 INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: Additional Traveler Modifications			PROJECT DESCRIPTION: CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: 2490 Day(s)	Time Adj. This Change: 0 Day(s)	Previously Approved CCO Time Adjustments: 501 Day(s)	Percentage Time Adjusted: (including this change) 20 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 3

THIS CHANGE ORDER PROVIDES FOR:

Modifying the travelers including:

- Revising the traveler actuator assembly, modifying floorbeams, and trimming timber curbs.
- Providing mounting details for the whistle and actuator lubricator.
- Modifying the toe plate at the bottom of the fixed stairs on the SAS travelers to accommodate the navigation light mounts.
- Modifying the bikepath traveler trolley links and connections.
- Modifying the upper stop plates of the foldable handrails.
- Enlarging weep holes in the post pockets of the removable handrails.
- Revising the pneumatic system.
- Modifying the traveler supplementary platform.
- Providing one steel plate 2 ft x 2 ft painted with the Sherwin Williams primer and finish paint.
- Adding seal welds on trolley link plates, which fully resolves Request For Change Order (RFCO) 89.
- Providing compensation for additional shop drawing detailing and disassembly and reassembly of fabricated members.

Revising Special Provisions Section 10-1.63 "TRAVELER SCAFFOLDS," subsection "TRAVELER SCAFFOLD MECHANICAL," subsection "Products" Item "H. Compressed air piping."

Various design modifications are made to the travelers to correct issues that have become apparent during fabrication and initial testing of the travelers. The actuators are reconfigured and floor framing is adjusted to eliminate interference. Required mounting details are provided for the actuator lubricators and the system whistle. The navigation light mounts and the SAS travelers' handrail toe plates are adjusted to address a conflict. The bikepath traveler trolley links and connections are modified to eliminate binding observed during trolley train testing. The upper stopper plate is replaced with an angle shape to maintain alignment of the fold down handrails. Weep holes in removable post pockets are enlarged to reduce future debris clogs. Various pneumatic system changes are made to correct system function per design intent. A paint sample is provided to test compatibility of the paint systems on the bridge per METS request. Department authorized changes required the Contractor's detailer to modify previously approved and/or prepare new shop drawings for the travelers.

This change order resolves the costs associated with Contractor Request for Information (RFI) numbers 2498, 2570, 2610R0, 2610R1, 2614, 2628, 2663, 2674R0, 2674R1, 2676, and 2735 with respect to changes listed above.

The total cost of this change order is \$279,564.00, which can be financed from the contingency fund. A detailed cost analysis is on file. The cumulative total of CCO 183S0 and CCO 183S1 is \$698,526.00.

No time adjustment is warranted as this change order does not affect the controlling operation.

This change order has concurrence from William Casey (Supervising TE), Ken Terpstra (Proj. Manager), Rich Foley (HQ Oversight), Wenyi Long (Bridge Design), Jing Chen (District Design), and Lina Ellis (Maintenance).

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CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	William Casey, Sup TE	Date 1/17/12	THIS REQUEST		TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date 1/17/12	ITEMS	\$0.00	\$0.00
Project Engineer:	District Design, Jing Chen	Date 2/9/12	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:	Proj Manager, Ken Terpstra	Date 1/18/12	AGREED PRICE	\$0.00	\$108,420.00
FHWA Rep.:		Date	ADJUSTMENT	\$279,564.00	\$590,106.00
Environmental:		Date	TOTAL	\$279,564.00	\$698,526.00
Other (specify):	HQ, Rich Foley	Date 1/18/12	FEDERAL PARTICIPATION		
Other (specify):	Struct. Maint, Lina Ellis	Date 1/18/12	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING		
District Prior Approval By:		Date	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
HQ (Issue Approve) By:		Date	<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:		Date	FEDERAL FUNDING SOURCE PERCENT _____ _____ _____		